

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4621079
<b>Application Number:</b>	10791314
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1802
<b>Title of Invention:</b>	Hierarchical coding with multiple antennas in a wireless communication system
<b>First Named Inventor/Applicant Name:</b>	Ashok Mantravadi
<b>Customer Number:</b>	23696
<b>Filer:</b>	Kenyon S. Jenckes/Judy Bridgwater
<b>Filer Authorized By:</b>	Kenyon S. Jenckes
<b>Attorney Docket Number:</b>	030213
<b>Receipt Date:</b>	15-JAN-2009
<b>Filing Date:</b>	01-MAR-2004
<b>Time Stamp:</b>	15:55:35
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$130
RAM confirmation Number	1277
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1		Response.pdf	145555 ec53dfe49f5ae35234cd3263481bedc54b8cb9da	yes	10
<b>Multipart Description/PDF files in .zip description</b>					
Document Description		Start		End	
Amendment/Req. Reconsideration-After Non-Final Reject		1		1	
Claims		2		5	
Applicant Arguments/Remarks Made in an Amendment		6		10	

### Warnings:

### Information:

2	Fee Worksheet (PTO-06)	fee-info.pdf	29760 6f7dbf0f2eab9b47f818c3b4a971a85daae7 8842	no	2
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### Warnings:

### Information:

<b>Total Files Size (in bytes):</b>	175315
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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.